## **EUROPEAN PATENT OFFICE**

## **Patent Abstracts of Japan**

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TITLE : HAIR DYE COMPOSITION

ABSTRACT: PROBLEM TO BE SOLVED: To obtain a hair dye composition which has excellent hair

dyeing property, shows no migration and gives rich touch.

SOLUTION: This acidic or natural pigment-containing hair dye composition is a hair dye characterized by comprising the following component (A) and/or component (B): (A) at

least one kind selected from aldose, aldonic acid and its salt; and (B) an

N-alkylpyrrolidone represented by the general formula: (R is an alkyl group consisting of

straight or branched chain having a carbon number of 1-4).

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